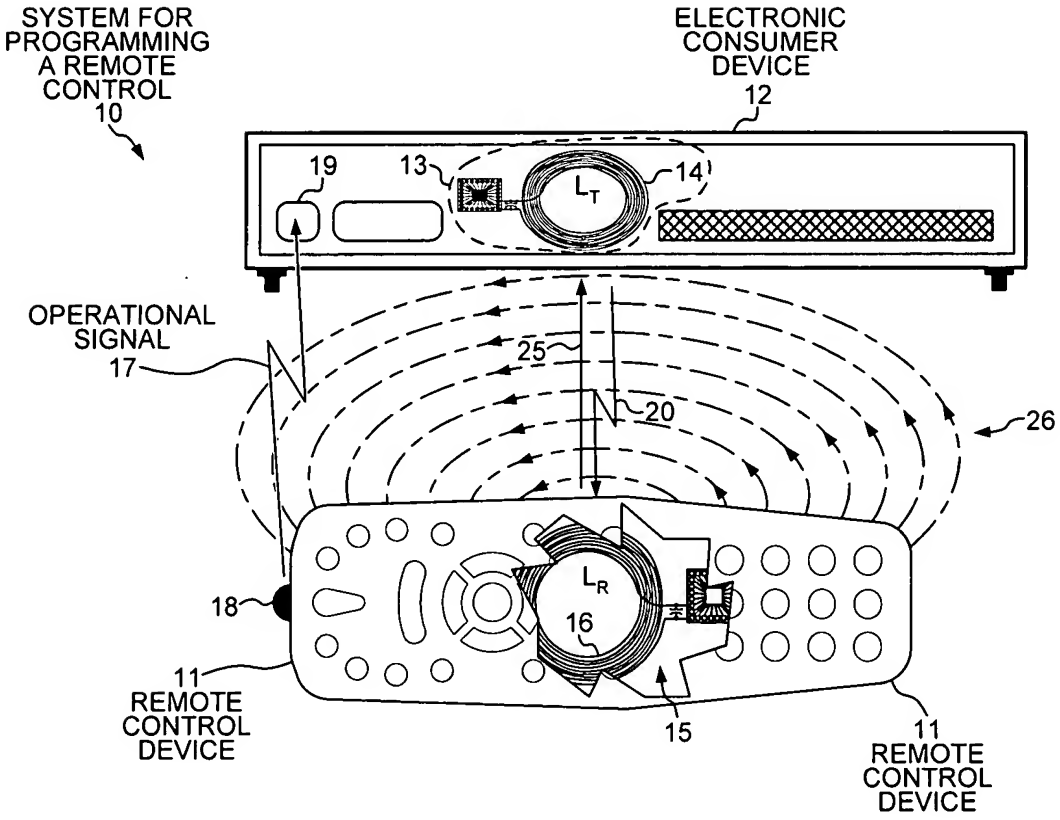
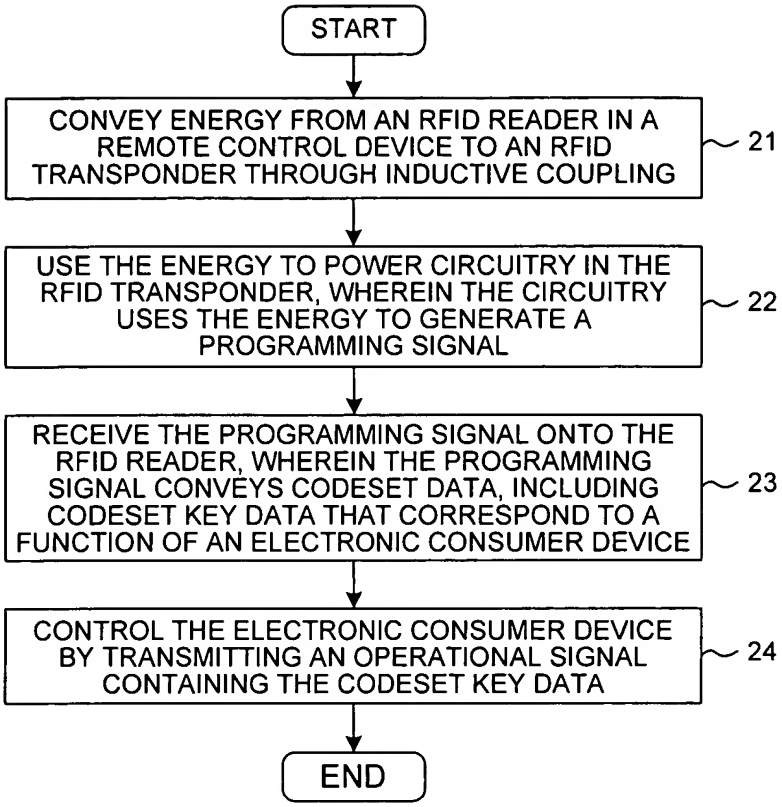

SYSTEM FOR PROGRAMMING A REMOTE CONTROL
10
ELECTRONIC CONSUMER DEVICE
12
19
13
14
L_T
OPERATIONAL SIGNAL
17
25
20
26
18
L_R
16
11
REMOTE CONTROL DEVICE
15
11
REMOTE CONTROL DEVICE

FIG. 1



PROGRAMMING A REMOTE CONTROL DEVICE USING AN RFID COMMUNICATION

FIG. 2

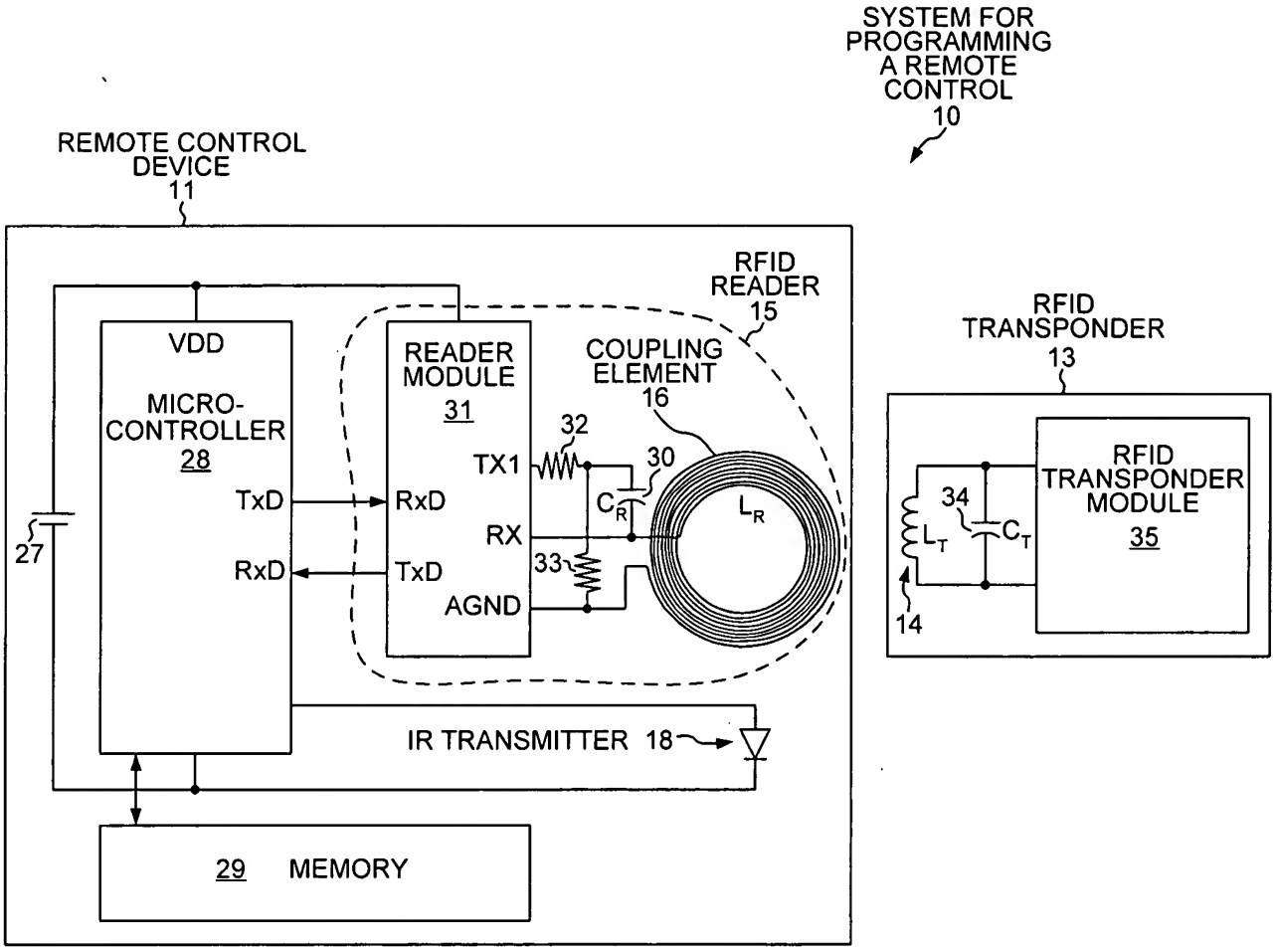

SYSTEM FOR PROGRAMMING A REMOTE CONTROL
10
REMOTE CONTROL DEVICE
11
RFID READER
15
RFID TRANSPONDER
13
VDD
MICRO-CONTROLLER
28
READER MODULE
31
COUPLING ELEMENT
16
32
30
TX1
TxD
RxD
RX
RxD
TxD
AGND
33
27
C_R
L_R
RFID TRANSPONDER MODULE
35
34
L_T
C_T
14
IR TRANSMITTER 18
29 MEMORY

FIG. 3

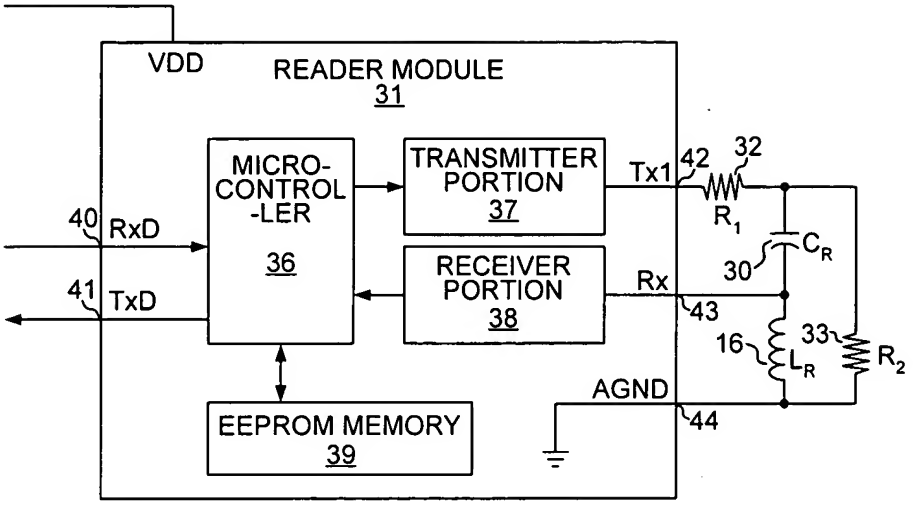

VDD
READER MODULE
31
MICRO-
CONTROL
-LER
36
TRANSMITTER
PORTION
37
RECEIVER
PORTION
38
EEPROM MEMORY
39
40
RxD
41
TxD
Tx1
42
32
R_1
C_R
30
Rx
43
16
L_R
33
R_2
AGND
44

FIG. 4

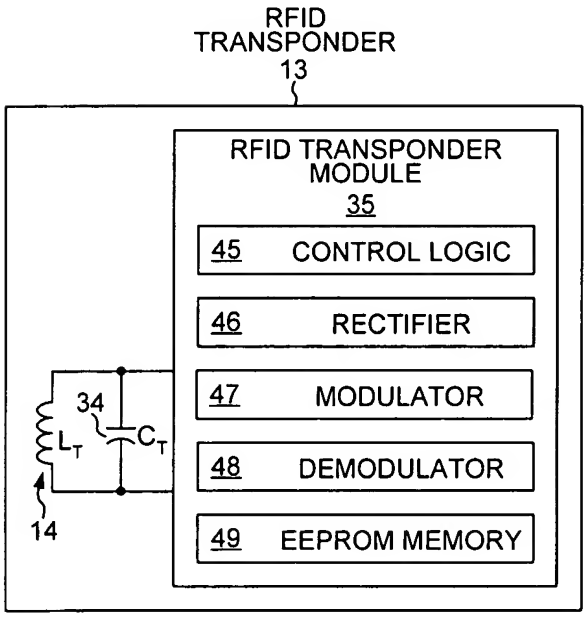

RFID
TRANSPONDER
13
RFID TRANSPONDER
MODULE
35
45 CONTROL LOGIC
46 RECTIFIER
47 MODULATOR
48 DEMODULATOR
49 EEPROM MEMORY
34
L_T
C_T
14

FIG. 5

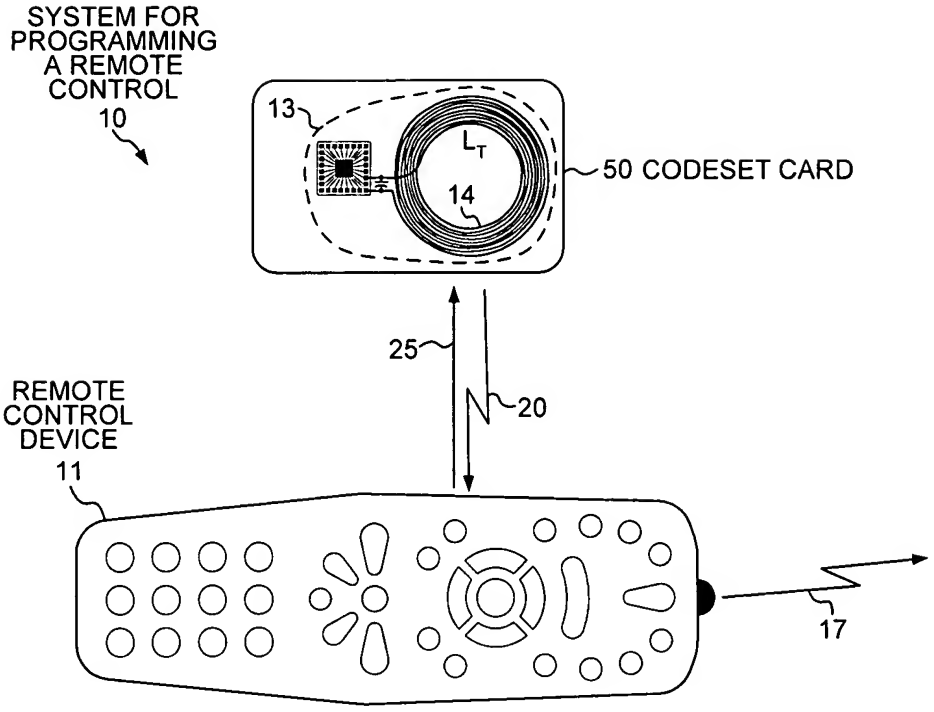

SYSTEM FOR PROGRAMMING A REMOTE CONTROL
10
13
L_T
14
50 CODESET CARD
25
20
REMOTE CONTROL DEVICE
11
17

FIG. 6